Pratt & Whitney Rocketdyne's Revolutionary Scramjet Engine Successfully Powers First X-51A Simulated Flight Engine using JASC High-Temperature Fuel Valves and JASC High-Pressure Start Control Valve

JASC provided PWR with the high-temperature (up to 1400 ºF) fuel distribution valves that manage hot fuel delivery to various portions of the scramjet combustor, as well as help pre-condition the fuel.

JASC also supplied the high-pressure blow-down control valve that meters a gaseous hydrocarbon fuel to the engine to initiate combustion.

The valves used in the NASA tests are the penultimate versions of the actual flight hardware, and have proved that the technology employed in these units is successfully implemented and is ready for flight testing.

Click on the link below to learn more about the technology that JASC is helping PWR and the Air Force realize.

http://biz.yahoo.com/prnews/070430/nem138.html?.v=1